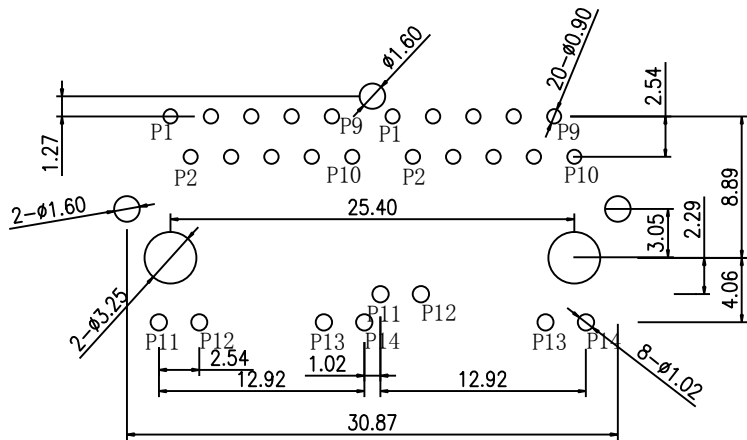
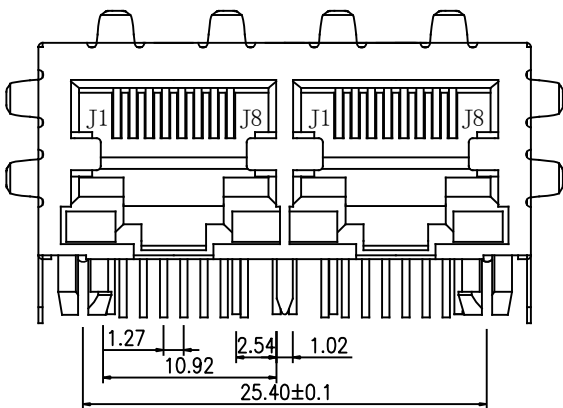
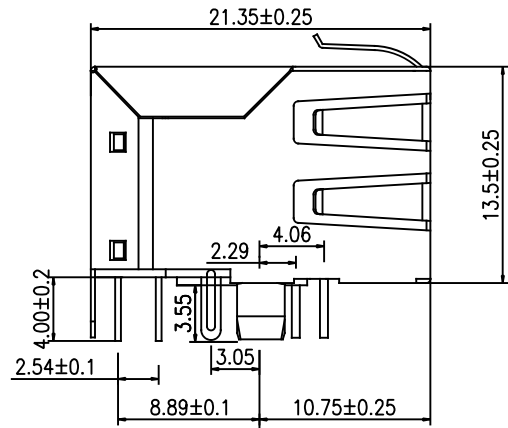
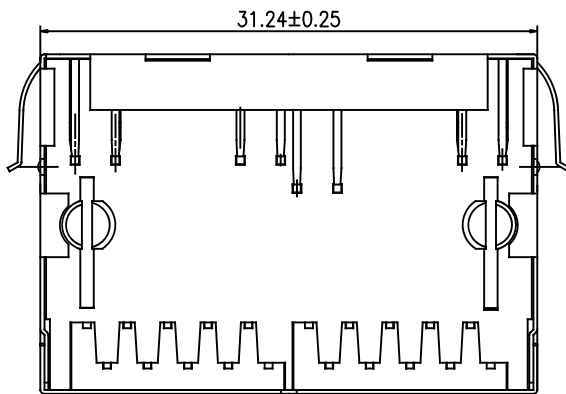


# 2 Port RJ-45 Jack With 100/1000 Base-T Magnetics Module

## 4. Mechanicals:

ROHS



P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.  
ALL CENTERLINE DIMENSIONS ARE BASIC

- 4.1. Connector Material:  
Housing: Thermoplastic UL94 V-0  
Contact/Shield: Cooper alloy  
Shield Plating: Nickel  
Contact Plating: Selective gold 6u" Min
- 4.2. Tolerances comply with F.C.C dimension requirements
- 4.3. Durability: 800 mating Min

\*Specification subject to change without notice

P/N: SHRJ-1216D1046	Units: mm	Unless otherwise stated otherwise tolerances as follows: .XX ±0.25	Rev: A	Draw : Kal	Date: 2010/05/08
	Scale: None		Page: 2/2	Checked : Ansom	Date: 2010/05/08
Alternative Component Source <a href="http://www.alternativecomponentsource.com">www.alternativecomponentsource.com</a>			Approved:	Ansom	Date: 2010/05/08

# 2 Port RJ-45 Jack With 100/1000 Base-T Magnetics Module

ROHS

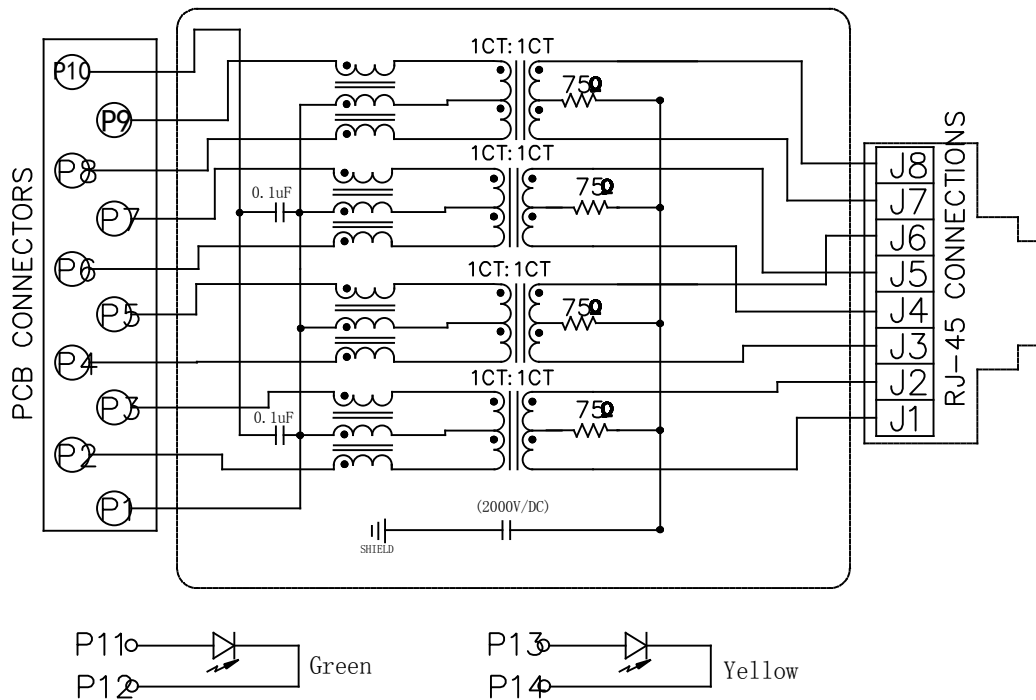
## 1. Electrical Specifications: @25°C

- 1.1. Isolation Voltage: 1500V/AC (Input to Output)
- 1.2. OCL: 350uH Minimum @100KHz 100mV 8mA DC
- 1.3. Insertion Loss: -1.2dB Maximum @100KHz-100MHz
- 1.4. Return Loss:
  - 18dB Minimum @1MHz-30MHz
  - 14dB Minimum @30MHz-60MHz
  - 12dB Minimum @60MHz-80MHz
  - 10dB Minimum @80MHz-100MHz
- 1.5. Common Mode Rejection: -30dB Minimum @1MHz-100MHz
- 1.6. Cross Talk: -30dB Minimum @1MHz-100MHz

## 2. Operating and Storage Temperature:

- 2.1. Operating Temperature: 0°C to +70°C
- 2.2. Storage Temperature: -20°C to +85°C

## 3. Schematics:



\*Specification subject to change without notice

P/N: SHRJ-1216D1046	Units: mm	Unless otherwise stated otherwise tolerances as follows: .XX ±0.25	Rev: A	Draw : Kal	Date: 2010/05/08
	Scale: None		Page: 1/2	Checked : Ansom	Date: 2010/05/08
Alternative Component Source	www.alternativecomponentsource.com		Approved:	Ansom	Date: 2010/05/08